

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 108687	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">FOR FURTHER ACTION</div> <div>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</div> </div>
International application No. PCT/AU03/00777	<div style="display: flex; justify-content: space-between;"> <div>International filing date (<i>day/month/year</i>) 20 June 2003</div> <div>(Earliest) Priority Date (<i>day/month/year</i>) 20 June 2002</div> </div>
Applicant QRSCIENCES TECHNOLOGIES PTY LTD et al	

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of **3** sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority in written form.
☐ furnished subsequently to this Authority in computer readable form.
☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished
- ☐ Certain claims were found unsearchable (See Box I).
3. ☐ Unity of invention is lacking (See Box II).
4. With regard to the title,

☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:
5. With regard to the abstract,

☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. The figure of the drawings to be published with the abstract is Figure No. **5**

☒ as suggested by the applicant.

☐ None of the figures

☐ because the applicant failed to suggest a figure.
☐ because this figure better characterizes the invention

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: G01V 3/14, G01R 33/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WPAT, USPTO, ESP@CE and Keywords (NQR and Nuclear Quadrupole Resonance)**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/26453 A2 (BRITISH TECHNOLOGY GROUP LIMITED) 29 August 1996 See page 4 line 20 - page 5 line 21, page 6 line 24 - page 7 line 15, Page 8 line 26 - page 9 line 23, page 16 line 28 - page 18 line 5, Page 25 line 8 - page 27 line 12, page 33 line 31 - page 34 line 15 and Page 36 line 25 - page 37 line 33	1, 2, 4 - 8, 10, 11, 12
A	US 5365171 A (BUSS et al.) 15 November 1994 See page Abstract, column 2 line 21 - line 36, column 3 line 64 - column 4 line 16, Column 7 line 41 - column 8 line 43 and claims	1 - 13
A	GB 2200462 A (NATIONAL RESEARCH AND DEVELOPMENT CORPORATION) 3 August 1988 See Abstract, page 3 line 10 - line 30, page 4 line 25 - line 34 and page 5 line 21 - page 6 line 33	1 - 13

☐ Further documents are listed in the continuation of Box C☒ See patent family annex

"A"	Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search
25 July 2003

Date of mailing of the international search report

- 4 AUG 2003

Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaustalia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer

R.W.J. FINZI

Telephone No : (02) 6283 2213

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/00777

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	9626453	AU	48363/96	CA	2213568	EP	871895
		FI	973453	IL	117259	US	6208136
US	5365171	CA	2150459	EP	671014	EP	1132752
		WO	9412891				
GB	2200462	EP	277745	IL	85173	JP	63259449
		US	4887034				
END OF ANNEX							